

MATERIAL SAFETY DATA SHEET

DATE PREPARED: 06/18/2002
MSDS No: 7148

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ORTHO® Weed-B-Gon® Spot Weed Killer For St. Augustine Lawns RTU Granules
PRODUCT DESCRIPTION: Herbicide

MANUFACTURER

The ORTHO Group
P.O. Box 1749
Columbus, OH 43216

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
Emergency Phone: 1-800-225-2883

EPA REG. NO.: 538-234-239 **PN:** 7078

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS#</u>
Atrazine	0.6	1912-24-9
Other Ingredients	99.4	

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: CAUTION

- Causes eye irritation.
- Harmful if swallowed.
- Avoid contact with eyes, skin, or clothing.
- Wash thoroughly with soap and water after handling.
- KEEP OUT OF REACH OF CHILDREN

POTENTIAL HEALTH EFFECTS

EYES: This substance is slightly irritating to the eyes. Eye contact may include discomfort, tearing, redness, swelling, and blurred vision. See Toxicological Information, Section 11.

SKIN: Since this product is a granular formulation, it is expected to have only slight irritation potential and a low degree of systemic toxicity from the dermal route of exposure. See Toxicology Information, Section 11.

INGESTION: Possible nausea, vomiting, diarrhea.

INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

MEDICAL CONDITIONS AGGRAVATED: Inhalation of dust may aggravate asthma.

ROUTES OF ENTRY: Skin contact, eye contact, inhalation.

4. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

SKIN: If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Never give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

COMMENTS: See product label for specific First Aid Measures. The above measures are the most conservative - Pesticide Registration (PR) Notice 2000-3 April 11, 2000 - and would apply in the event a product label is not immediately available.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Applicable

GENERAL HAZARD: High airborne dust concentrations have the potential for explosion.

EXTINGUISHING MEDIA: Dry chemical, water fog or spray.

HAZARDOUS COMBUSTION PRODUCTS: Product may emit noxious and toxic fumes when heated to decomposition.

FIRE FIGHTING PROCEDURES: Use self-contained air supply. Contain run-off as ingredients may be toxic to aquatic organisms.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Use good housekeeping practices. Sweep up spills. As a general practice, avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove to approved landfill. See label for specific disposal procedures.

7. HANDLING AND STORAGE

HANDLING: See label. Wash hands with soap and water after handling product. Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Do not contaminate water when disposing of equipment wash waters. Keep out of lakes, streams, or ponds. KEEP OUT OF REACH OF CHILDREN.

STORAGE: See label. KEEP OUT OF REACH OF CHILDREN. Avoid container breakage. Store in cool, dry area in closed original container or package. Keep away from food or foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

PERSONAL PROTECTION

EYES AND FACE: Protective eye ware is normally not required but is suggested so contact can be avoided.

SKIN: No special protective clothing is required under normal use conditions. Appropriate skin protection is recommended for conditions where exposure is anticipated. See product label.

RESPIRATORY: If airborne dust levels are high, a dust mask is recommended to avoid inhalation.

COMMENTS: Nuisance Dust (OSHA) - 15 mg/m³ (Total Dust), 5 mg/m³ (Respirable Fraction). Particulates Not Otherwise Classified (PNOC) ACGIH- 10 mg/m³ (Inhalable Particulate), 3 mg/m³ (Respirable).

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

<u>Chemical Name</u>	<u>EXPOSURE LIMITS</u>		
	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>
Atrazine		5 mg/m ³	

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Granular

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Extreme heat. Contact with fuels and other organic or combustible materials. Strong acids or reducing agents.

STABILITY: To maintain product integrity, avoid extreme heat.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: Mild irritant (rabbit).

DERMAL LD₅₀: Rabbit, >2.0 g/kg.

ORAL LD₅₀: LD50 (rat) > 2.0 g/kg body weight.

INHALATION LC₅₀: Test not required; less than 20% of the particles are smaller than 10 micrometers in diameter.

SENSITIZATION: Guinea pig - negative

CARCINOGENICITY:

CARCINOGENICITY COMMENTS: IARC, No; NTP, No; OSHA, No.

COMMENTS: The acute toxicity information obtained on a comparable formulation (Range Registration of Bonus S®, EPA Registration No. 538-18) containing 1.32% Atrazine.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product is toxic to aquatic invertebrates. Do not apply directly to water. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Active ingredient(s) can leach through soils and have been found in groundwater. Do not apply on well-drained soils where the water table (groundwater) is close to the surface. Contact the County Agricultural Extension Service for local soil conditions.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL: For a partially full container - Call your local waste disposal service. If local laws permit, put partially full container in trash. Never pour product down any drain.

EMPTY CONTAINER: Carefully follow label instructions for product disposal. Do not reuse container. Place empty container in trash or offer for recycling if available.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

SPECIAL SHIPPING NOTES: The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: Atrazine (CAS 1912-24-9) De Minimis concentration, 0.1%

GENERAL COMMENTS: Contact local authorities for disposal of large quantities of unused product.

16. OTHER INFORMATION

NFPA CODES

FIRE: 1 **HEALTH:** 1 **REACTIVITY:** 0

APPROVAL DATE: 06/18/2002

REVISION SUMMARY New MSDS

ADDITIONAL MSDS INFORMATION: NFPA Hazard Rating: 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe.

GENERAL STATEMENTS: This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.

COMMENTS: Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved product label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MANUFACTURER DISCLAIMER: The information contained herein is, to the best of the Manufacturer's (see Section 1) knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, the Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.